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# THE THIRD NATIONAL FLAME RETARDANCE of PLASTICS CONFERENCE

MONDAY and TUESDAY MARCH 10-11, 1975  
SHOREHAM AMERICANA HOTEL, WASHINGTON, D.C.

LEGISLATION

RESEARCH

CODES

STANDARDS

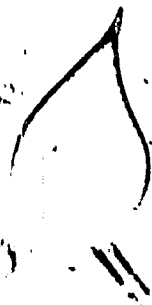
CONSUMER  
PROTECTION

PRODUCT  
ENGINEERING

REGULATION

INDUSTRY  
ACTIVITIES

TESTING



## MONDAY, March 10

### FEDERAL TRADE COMMISSION ACTION REGARDING CELLULAR PLASTICS

This presentation will analyze recent Federal Trade Commission actions regarding flammability of cellular plastics. The discussion will include a review of the recent consent order entered into by the Commission with SPI and 25 manufacturers as well as a current trade regulation rule proceeding which will apply to manufacturers on an industry-wide basis.

Eric Rubin, Deputy Assistant Director, Bureau of Consumer Protection, Federal Trade Commission

### THE VIEWS ON PLASTICS BY THE PRESIDENT'S NATIONAL COMMISSION ON FIRE PREVENTION AND CONTROL



What does the Commission hear and say about plastics and the fire problem? What have been the experiences and conclusions of the Commission minority? This presentation will consider human injuries from the products of combustion of plastics and offer some suggestions for research to the plastics industry.

Dr. Anne W. Phillips, The Smoke, Fire and Burn Foundation

### LEGAL ASPECTS OF FLAMMABILITY REGULATIONS — HOW SHOULD THE PLASTICS COMPANY ACT?



What is the industry viewpoint on the Federal Trade Commission Consent proceedings as well as the proposed Trade Regulation Rule? Product liability concerns will be covered with particular emphasis on their application to processors. Current research activities related to all aspects of plastics combustibility will be explained.

Robert R. Tiernan, Partner, Keller & Heckman

### A RESPONSIBLE APPROACH TO ESTABLISHMENT OF FLAMMABILITY STANDARDS FOR PLASTICS



While flammability standards for plastics may not provide all the answers for safety, their absence provides none. Soundly-based and intelligently interpreted, such standards offer invaluable guidelines for the proper use of plastics. This presentation will offer a responsible approach to the establishment of standards.

Hank Collins, Assistant to the President, Government Liaison, Underwriters' Laboratories, Inc.

### TOWARD A CONSUMER PRODUCT SAFETY RULE FOR FURNITURE

The development of fire in furnished compartments will be illustrated and the need for a Consumer Product Safety Code will be established. The current increased use of structural plastic materials for building contents necessitates this proposed safety rule. The experiments which incorporate both traditional and new materials will be examined.

Robert Brady Williamson, Associate Professor of Engineering Science, Department of Civil Engineering, University of California

### THE CONSUMER PRODUCT SAFETY COMMISSION VIEW ON SAFE USE OF PLASTICS



The factors which make the fire safety of plastics products important to the Consumer Product Safety Commission will be analyzed. Dr. Kushner will identify a number of tasks which should be undertaken in order to assure the public of the continued convenience of plastic products at reasonable cost but without increased fire hazards.

Dr. Lawrence M. Kushner, Vice Chairman, U.S. Consumer Product Safety Commission

### TEST METHODS AND PROCEDURES FOR FLAMMABILITY CHARACTERISTICS IN PLASTICS



This presentation will describe the present test methods, their limitations and applicability of present test results to standards formulation. Future methods for testing plastics will be examined with consideration given to current energy and materials developments.

William Kelly, Manager, Loss Prevention, Frenkel & Company

SHOREHAM AMERICA

### THE THIRD NATIONAL FLAME RETARDANCY

Is a unique opportunity to become acquainted with the activities within the government, industry, research organizations and consumer interest groups involved in establishment of practical standards for flame retardancy in plastics.

The subjects explored at this conference are of vital importance to management and technical personnel from the plastics community as well as to the representatives of consumer groups and management from all industries using plastics — such as transportation, construction, furniture, textiles, toys and other applications where consumer safety is the overriding concern.

The conference will bring together in one place and at one time the combined backgrounds and expertise of those involved in establishing criteria for flame retardancy as well as those developing flame retardant systems for the plastics materials. Government, industry and consumer experts will analyze the latest developments in testing procedures, standards, legal responsibilities of the plastics processor, adherence to codes by the industries, consumer attitudes, research projects conducted by the government, industry and educational institutions as well as other activities significant to the safe use of plastics.

Every speaker is available for special comment and consultation. Any relevant problem, any relevant question can be raised and discussed ... not only after each presentation but also during coffee breaks and a cocktail reception at the end of the first day.

At this conference you will ...

- see how the National Fire Protection Association has developed specific codes and standards which directly affect use of plastics materials.



DEAN DENIS SINCLAIR PHILIPPS

Director, Division of Business & Management, School of Continuing Education, New York University.

# DANGY of PLASTICS

HOTEL, WASHINGTON, D.C.

## F PLASTICS CONFERENCE ...

- see how a plastics company can most meaningfully comply with government flammability regulations.
- understand the latest codes and standards for construction with plastics materials.
- hear about the U.S. Consumer Product Safety Commission activities aiming to assure the public of a continued convenience of plastics products without increased fire hazards.
- find out where UL stands on the key issue of standards.
- understand how the National Commission on Fire Prevention and Control views the combustion of plastics and hear its latest suggestions to the plastics industry for research directions.
- see what kinds of research programs in flame retardancy will be sponsored by the National Science Foundation.
- listen to the National Bureau of Standards Director of the Programmatic Center for Fire Research tell you how to translate small scale tests into criteria for fire protection.
- hear what kinds of tests substantiate the need for a Consumer Product Safety Rule for plastics in structural applications.
- listen to the SPI's legal counsel advise industry on existing regulations.
- hear the Deputy Assistant Director of the Bureau of Consumer Protection at the Federal Trade Commission give you an inside look at recent actions affecting manufacturers on an industry-wide basis.
- understand why regulations must be adopted in residential structures and civilian aircraft without waiting for a disaster to occur.
- learn about the important research programs designed to ensure safety in plastics used in construction, transportation and furniture.



**DR. JOSEPH CLARK**  
CONFERENCE MODERATOR

Special Assistant, Assistant Secretary for Science & Technology, United States Department of Commerce.

### CERTIFICATES OF PARTICIPATION

New York University's School of Continuing Education will award certificates to all who attend.

**TUESDAY, March 11**

## AN INDUSTRY VIEW OF FLAME RETARDANCY REGULATIONS & PLASTICS



How does a plastics company do its share toward flame retardancy of their products? This presentation will show how one of the largest American plastics companies created a Corporate Fire Group to take inventory of its products' performance and to identify necessary action in light of existing legislation and possible future considerations. Mr. Farley will discuss how the Fire Safety Center keeps all levels of management informed about the fire issue, the development of fire test capability and the forecasting of future needs to meet industry's demands.

Charles P. Farley, Manager, Fire Safety, The Fire Safety Center

## THE POLITICS OF SAFETY



Research has often lead to advances in the fire safety of certain kinds of applications, but the knowledge thus gained has rarely been applied to other systems. Most innovations have been developed only in response to disasters. Some factors affecting the direction of research, delays in adopting advantageous procedures and regulations will be discussed with particular emphasis on current fire safety problems in residential structures and civilian aircraft.

Patricia Swenson Killgaard, Assistant Specialist, Fire Research Group, College of Engineering, University of California

## PLASTICS AND FIRE SAFETY



The plastics industry, cooperating with government and private agencies, is supporting a multi-million dollar investigation into means of improving fire safety. Many major research programs are underway. This presentation will describe some of the programs currently going on to investigate fire safety of plastics and its use in specific industries. All combustible materials, including plastics, can exist in an environment which provides coordinated means of fire safety including such features as automatic detection, warning and suppression systems.

A.B. Chivvis, Executive Director, Urethane Safety Group of The Society of the Plastics Industry, Inc.

## THE NATIONAL SCIENCE FOUNDATION ROLE IN FIRE RESEARCH



The National Science Foundation has been the primary Federal agency to provide funds for fire research at universities across the country. Dr. Long will concentrate on NSF sponsored fire research programs with emphasis on the programs' objectives and strategy in solving fire problems. The research covers a spectrum of activity including ignition and flame spread, smoke movement and effects, fire fighting systems, human behavior and technology and information transfer.

Dr. Ralph H. Long, Jr., Division of Advanced Technology Applications, National Science Foundation

## REQUIREMENTS FOR PLASTICS IN BUILDING MATERIALS



The development and use of unique products and materials places a continuing burden upon building codes. This presentation will analyze how BOCA has responded to use of new materials such as plastics in development of its codes and standards for the construction industry.

William J. Tangye, P.E., Director of Field Engineering, Building Officials and Code Administrators International, Inc.

## WHAT DOES THE NFPA MEAN TO USERS OF PLASTICS?



The National Fire Protection Association is a non-profit, voluntary organization formed to examine and improve methods of fire protection. The National Fire Codes and NFPA advisory codes include fire safety standards for building construction and flammability of materials. This presentation will detail the scope of NFPA activities and examine how the association has affected use of plastics materials.

Thomas Hughes, Washington Representative, National Fire Protection Association

## HOW DO YOU EXAMINE FIRES AND IMPLEMENT THE FLAME RETARDANCY MEASURES?



Fire prevention technology has been concerned with the fire hazard from electrical wiring, the fire hazard from the use of flammable liquids, the fire hazard from the use of flammable gases, the fire hazard from the use of flammable solids, the fire hazard from the use of flammable dusts, the fire hazard from the use of flammable liquids, the fire hazard from the use of flammable gases, the fire hazard from the use of flammable solids, the fire hazard from the use of flammable dusts.

Maxwell Glynn, Fire Research Group, University of California

# THE THIRD NATIONAL

# FLAME RETARDANCY OF PLASTICS CONFERENCE

## A WORD ABOUT NEW YORK UNIVERSITY

New York University, a private university in the public interest, has, since its founding in 1831, played a major role in the education of people in the city and in the state of New York. For example, its alumni include more than half the dentists, one fifth the lawyers, and one sixth of all the physicians in New York City, and it awards a high percentage of all graduate and professional degrees in the State.

But New York University is a national and international university as well, leading all private institutions in the U.S. in the highest number of advanced degrees. Its students come from every part of the country and from more than one hundred foreign countries. Besides its thirteen schools or colleges in New York City and its research center in Sterling Forest, near Tuxedo Park, New York University has programs in Spain and in France and research programs in art and in archaeology in Turkey, Greece, and Italy.

The Schools are the School of Medicine and the Post-Graduate Medical School at the Medical Center, and the College of Dentistry of the Brookdale Dental Center of NYU, the Washington Square and University College of Arts and Science, the Graduate School of Arts and Science, the School of Education, the School of Law, the School of Social Work, the Graduate School of Public Administration at Washington Square, and the Graduate School of Business Administration at Trinity Place in the financial district.

The last three of these colleges have programs of special interest to business and industry. In day and evening programs the College of Business and Public Administration has curricula leading to a bachelor's degree, and the Graduate School of Business offers programs leading to master's degrees, advanced professional certificates, and doctorates. The School of Continuing Education offers more than two thousand courses, conferences, lecture series, workshops, seminars, and institutes for adults who wish to continue to learn in a wide variety of fields - lan-

guages, liberal studies, reading improvement, graduate, postgraduate, and continuing education, business and industry, and also comprehensive adult education programs.

The Division of Business and Management is one of the largest divisions of the School of Continuing Education with individual courses and diploma or certificate programs in such fields as executive management, financial management, investing and securities, business law, business systems analysis, real estate, and mortgage banking. In addition to these programs, an extensive program of conferences and seminars for a national and international audience. Many of these conferences and seminars, like this one, are offered in cooperation with the New York Management Center with, of course, all academic controls being retained by the Division of Business and Management, School of Continuing Education, New York University.

Though some of these conferences or seminars are scheduled in other cities, most of them are held in New York City in line with the University's historical and present commitment to preparing men and women capable of enlarging their own professional possibilities here as well as improving the general quality of urban life.

## A WORD ABOUT NEW YORK MANAGEMENT CENTER

NYMC was established in 1971 to provide technical assistance to New York University on the universities in preparing, marketing, and conducting conferences and seminars on plastics, textiles, packaging and various other business and industrial activities. New York Management Center maintains a specialized staff for these programs. During the present year, the New York Management Center and the Division of Business and Management are scheduling conferences and seminars on packaging, metals technology and plastics.

## GENERAL INFORMATION

**TO REGISTER:** Early registration is recommended. You may phone the Registrar at (212) 953-7266. You may also register by completing the form below.

**SCHEDULE:** Conference hours are from 9:00 a.m. to 5:00 p.m. with a luncheon break from 12:00 to 1:30 p.m. A cocktail reception follows the Monday afternoon session.

**LOCATION:** Shoreham Americana Hotel, Washington, D.C. Arrangements have been made for preferred rooms. Please make reservations through this office (212) 953-7266.

**FEE:** \$385 per person (includes all work materials). Under our liberal cancellation policy, if notice is received before the opening session, registration fee will be refunded.

**TAX DEDUCTION OF EXPENSES:** An income tax deduction is allowed for expenses of education (including registration fees, travel, meals, lodging) undertaken to maintain and improve professional skills (see Treas. Reg. 1.162-5) (Coughlin vs. Commissioner, 203 F.2d307).

**CERTIFICATES:** A certificate will be awarded by New York University's School of Continuing Education to all who attend.

**SEND YOUR TEAM:** The full utilization of important knowledge usually requires discussion, support and cooperative effort. After the conference, your team will be able to implement and reinforce each member's efforts.

**MAILING LIST:** If you receive more than one copy of this brochure in the mail, it means your name probably appears on several of the lists we utilize. We regret any inconvenience this may cause, and if you return the label to us we will remove your name from any list we maintain. Since the removal process can take about 3 months, we appreciate your patience. A variety of timely programs in specialized fields is conducted. If you would like to be on a specific list, or if your name, title, etc. are incorrectly presented or if you desire to have your name removed, please contact Michael Link, New York Management Center, 360 Lexington Avenue, New York, N.Y. 10017.

**FUTURE PROGRAMS:** New York University invites suggestions for program information and speakers on new and significant developments in the plastics industry. Write to Anver Suleiman, Program Director, New York Management Center, 360 Lexington Avenue, New York, New York 10017 or to Professor Jerome Prager, Project Director, Division of Business and Management, School of Continuing Education, New York University, New York, New York 10003.

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## REGISTRATION FORM — THE THIRD NATIONAL FLAME RETARDANCY OF PLASTICS CONFERENCE

Please register the following executives for the "Third National Flame Retardancy of Plastics Conference," Monday and Tuesday, March 10-11, 1975, Shoreham Americana Hotel, Washington, D.C.

(Please print or type) NAME AND TITLE OF PARTICIPANTS (Spell for Nameplate and Certificate)

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